

# Problem definition template

## Studio 1 – Design thinking in engineering

### Problem selection

- Problematic.
- Problem selection.
- Justification.

### Problem definition

- Context of the problem – organisation and business.
- Problem –the specific problem to be solved.
- Actors and customer –the people/organisation involved and those you be adding value to.
- Objectives – a general objective that is going to give the overall direction to your project, and specific objectives that represent a list of what you want to achieve in order to solve the problem.
- Value – the nature of the value you are expecting to add to your customer.
- Variables – the variables that represent the value and other variables associated. The current value of these variables and the expected value or restrictions.
- Constraints – the project constraints.